

LIST OF CLAIMS

1. (Currently Amended) A copolymer of ethylene and a vinyl compound (I) represented by the general formula  $\text{CH}_2=\text{CH}-\text{R}$ , wherein R is a saturated hydrocarbon group, the steric parameter  $E_s$  of the substituent R is from -2.77 to -1.64 and the steric parameter  $B_1$  of the substituent R is from 1.53 to 2.90, wherein the copolymer ~~substantially~~ has no crystallinity.

2. (Canceled)

3. (Original) The copolymer according to claim 1, wherein the content of a unit derived from the vinyl compound (I) in the copolymer is from 5 to 90 mol%.

4. (Canceled)

5. (Original) The copolymer according to claim 1, wherein the substituent R in the vinyl compound (I) is a secondary alkyl group.

6. (Canceled)

7. (Original) The copolymer according to claim 1, wherein the vinyl compound (I) is vinylcyclohexane.

8. (Canceled)

9. (Original) A molded article comprising the copolymer of claim 1.

10. (Canceled)

11. (Original) The molded article according to claim 9, the molded article is a film, a sheet or a pipe.

12. (Canceled)

13. (Original) An adhesive comprising the copolymer of claim 1 as an effective ingredient.

14. (Canceled)

15. (Original) A laminate comprising the copolymer of claim 1.

16. (Canceled)